

PRODUCT Data Sheet



Seam Tapes

Version: AP
Date: 5/9/01

PRODUCT: **ST-503**

Application:

A 2-layer seam tape designed to seal seams on light to very light weight vinyl or polyurethane coated fabrics. The tape offers a wide processing window. The increased melt flow of the adhesive promotes sealing at crossover seams. This tape can be applied to heat sensitive fabrics using lower application temperature.

Composition:	Polyurethane / Polyurethane	
Color:	Translucent	
Adhesive Softening Point:	95°C, 203°F	TMA - onset temperature
Barrier Softening Point:	182°C, 360°F	TMA - onset temperature
Total Thickness:	0.003", 0.08mm	
Adhesive Thickness:	0.00175", 0.044mm	
Common Width ('s):	0.75", 0.875", 22mm	
Service Temperature:	-40°C - 60°C	
Washability:	Excellent	
Dry Cleaning:	Good	

Comments:

Recommended starting application conditions on a QUEENLIGHT hot air sealer:
Air Temperature = 400°C - 525°C
Air Pressure = 0.6 kg/cm²
Roller Pressure = 4.0 kg/cm²
Line Speed = 5 - 8 m/min (Higher line speeds will require higher air temperatures.)

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